A2C 95/120 3FT-FE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Feed-through terminal, PUSH IN, 95 mm², 1000 V, 232 A, dark beige
Order No.	2694130000
Type	A2C 95/120 3FT-FE
GTIN (EAN)	4064675266501
Qty.	1 pc(s).

A2C 95/120 3FT-FE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	90 mm	Depth (inches)	3.543 inch
Height	101.5 mm	Height (inches)	3.996 inch
Width	100 mm	Width (inches)	3.937 inch
Net weight	298 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	No	Number of levels	1
Number of potentials per tier	4	Levels cross-connected internally	No
Rail	TS 35	PEN function	No

Additional technical data

Explosion-tested version	Yes	Open sides	closed
Type of fixing	TS 35	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-80115835	Current size B (CSA)	255 A
Current size C (CSA)	255 A	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	250 kcmil
Wire cross section min. (CSA)	4 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	PUSH IN

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	120 mm²
Clamping range, min.	25 mm²	Connection cross-section, stranded, max.	120 mm²
Connection cross-section, stranded, min.	25 mm²	Connection direction	on side
Stripping length	40 mm	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 3/0	Wire connection cross section AWG, min.	AWG 4
Wire connection cross section, finely stranded, max.	120 mm²	Wire connection cross section, finely stranded, min.	25 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	25 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	95 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	25 mm²
Wire connection cross-section, solid core, max.	120 mm²	Wire connection cross-section, solid core, min.	25 mm²

A2C 95/120 3FT-FE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 3/0	Wire connection cross section AWG, min.	AWG 4

Rating data

Rated cross-section	95 mm²	Rated voltage	1,000 V
Rated DC voltage	1,500 V	Rated current	232 A
Current at maximum wires	232 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.14 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	7.42 W	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	250 kcmil
Conductor size Factory wiring min. (cURus)	4 AWG	Conductor size Field wiring max. (cURus)	250 kcmil
Conductor size Field wiring min. (cURus)	4 AWG	Current size B (cURus)	255 A
Current size C (cURus)	255 A	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

Important note

Product information	The max. connectable wire reduces by one wire size if a cross connector is used that has to be mounted in the wire entry.

Approvals

Approvals

UL File Number Search	UL Website
Certificate No. (cURus)	E60693

A2C 95/120 3FT-FE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Downloads

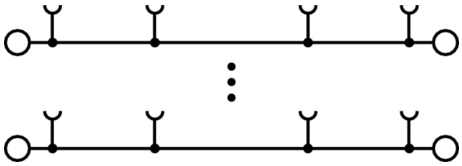
Approval/Certificate/Document of Conformity	Attestation of Conformity UKCA Ex Attestation of Conformity IECEx Certificate ATEX Certificate DNVGL certificate CB Testreport CB Certificate UKCA Ex Certificate CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	Instruction sheet User Manual A2C 50-185 NTI A2C 95/120
Catalogues	Catalogues in PDF-format

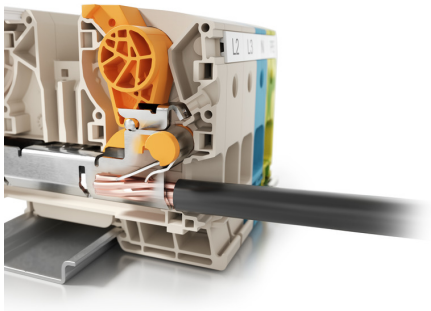
A2C 95/120 3FT-FE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings





A2C 95/120 3FT-FE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories

A-Series

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	AEB 35 SCL/1 V0 GY	Version
Order No.	2661290000	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 pc(s).	
Type	AEB 35 SC/1 BK	Version
Order No.	2475310000	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0 BK	Version
Order No.	2661300000	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 pc(s).	
Type	AEB 35 SC/1	Version
Order No.	1991920000	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 pc(s).	

A2C 95/120 3FT-FE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories

WS 8/16

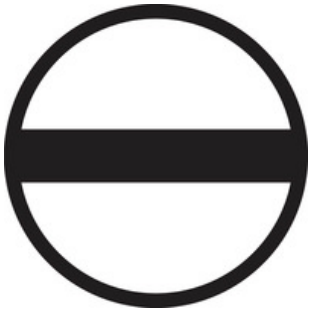
WS/ DEK
MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.
Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

Type	WS-A 8/16 MM WS	Version
Order No.	2619910000	WS, Terminal marker, 8 x 16 mm, Weidmueller, white
GTIN (EAN)	4050118626179	
Qty.	200 pc(s).	

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 1.0X5.5X150	Version
Order No.	2749380000	Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade
GTIN (EAN)	4050118895605	thickness (A): 1 mm
Qty.	1 pc(s).	

A2C 95/120 3FT-FE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories

95/120 mm²

Power feed-in
Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Type	ZQV 95/120N/3	Version
Order No.	2694260000	Cross-connector (terminal), 192 A, orange
GTIN (EAN)	4064675266570	
Qty.	10 pc(s).	
Type	ZQV 95/120N/2	Version
Order No.	2694250000	Cross-connector (terminal), Plugged, Number of poles: 2, Pitch in mm
GTIN (EAN)	4064675266563	(P): 25.00, Insulated: Yes, 192 A, orange
Qty.	10 pc(s).	

A-Series

Power feed-in
Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Type	AAC 50-185 2X10 BL	Version
Order No.	2663430000	Auxiliary connection (terminal), 10 mm², Number of connections: 2
GTIN (EAN)	4064675027973	
Qty.	5 pc(s).	
Type	AAC 50-185 2X10 BK-YL	Version
Order No.	2663450000	Auxiliary connection (terminal), 10 mm², Number of connections: 2
GTIN (EAN)	4064675027997	
Qty.	5 pc(s).	
Type	AAC 50-185 2X10 GN-YL	Version
Order No.	2663440000	Auxiliary connection (terminal), 10 mm², Number of connections: 2
GTIN (EAN)	4064675027980	
Qty.	5 pc(s).	
Type	AAC 50-185 2X10	Version
Order No.	2663420000	Auxiliary connection (terminal), 10 mm², Number of connections: 2
GTIN (EAN)	4064675027966	
Qty.	5 pc(s).	